

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the above-identified application.

Listing of Claims

The listing of claims below will replace all prior versions and listings of claims in the present application.

1. **(Currently Amended)** A communication network, comprising:
a plurality of server devices for providing a plurality of services to the network,
where each service of the plurality of services has a corresponding service address, ~~and wherein a first server device of the plurality of server devices provides first and second services that are distinct from each other; and~~
a client device configured to access the a first service of the plurality of services
by performing the following:
accessing a service point map on the client device to obtain ~~the a first~~
~~corresponding~~ service address for the first service, and
sending a request for the first service to the first ~~corresponding~~ ~~respective~~
service address for the first service,
wherein the service point map comprises a listing of the plurality of services and
their corresponding service addresses, including the first service address
~~wherein the corresponding service address for the first service is distinct~~
~~from the corresponding service address for the second service;~~
a service point map manager for generating a new service point map after the
corresponding service address for the first service is changed from the first
service address to a second service address, wherein the new service point
map comprises the second service address.
2. **(Currently Amended)** The communication network of claim 1 ~~further~~
~~comprising a service point map manager device to intermittently generate a current~~
~~service point map listing the plurality of services and their corresponding services~~

~~addresses, where each respective server device of the server devices sends corresponding service address information for each service provided by that server device to the service point map manager and the client device collects the current service point map from the service point map manager device when the client device connects to the network wherein the service point map is configured to send the new service point map to the client device.~~

3. **(Currently Amended)** The communication network of claim 2, wherein the service point map manager device selects at least one connected service for inclusion in the ~~current~~ new service point map using server load balancing techniques.

4. **(Previously Presented)** The communication network of claim 3, wherein the server load balancing techniques are implemented by supplying a first service point map to the client device, wherein the first service point map has been processed for load balancing.

5. **(Previously Presented)** The communication network of claim 3, wherein the server load balancing techniques are implemented by supplying a first service point map to the client device, wherein the client device runs a script code in the first service point map to select the at least one connected service.

6. **(Currently Amended)** The communication network of claim 2, wherein the service point map manager device selects at least one connected service for inclusion in the ~~current~~ new service point map based on the topographical location of the client device in the network.

7. **(Currently Amended)** The communication network of claim 1, wherein the service point map includes supplemental service identification data comprising a client epoch value for the a second service identified in the service point map, wherein the client epoch value is used to correlate the performance of the client device and the second service.

8. (Previously Presented) The communication network of claim 7, wherein a third service has a corresponding service epoch value, whereby the third service causes the client device to take corrective action at the time that a mismatch is detected between the client epoch value and the service epoch value using executable commands embedded in the service point map.

9. (Previously presented) The communication network of claim 1, wherein ~~the~~ a second service of the plurality of services causes the client device to perform actions using executable commands in the service point map.

10. (Previously presented) The communication network of claim 1, wherein the service point map includes backup service address information for a selected service identified in the service point map in the event that the selected service cannot be reached.

11. (Previously presented) The communication network of claim 10, wherein the backup service address information comprises address information for a service point map manager device.

12. (Previously presented) The communication network of claim 10, wherein the backup service address information comprises address information for an alternate server device providing the selected service.

13. **(Currently Amended)** In a client/server communication network wherein a plurality of services are located on a plurality of servers operable to connect to the network, a server computer system for:

generating a table listing comprising identities of first and second services provided by ~~[[a]]~~ first and second servers ~~server~~ of the plurality of servers and first and second location information for the first and second services, respectively, wherein the first and second location information are distinct from each other; ~~and~~

sending the table listing to a client computer system for storage therein, wherein the table listing enables the client computer system to access the second service using the second location information in the table listing for the second service;

generating a new table listing after the second location information for the second service is changed to a third location information, wherein the new table listing comprises the identities of the first and second services and first and third location information for the first and second services, respectively, wherein the second and third location information are distinct from each other.

14. **(Currently Amended)** The server computer system of claim 13, wherein the server computer system generates the table listing based on ~~current~~ existing at the time the table listing was generated.

15. **(Previously presented)** The server computer system of claim 13, wherein the server computer system sends the table listing client computer system when the client computer system connects to the network.

16. **(Currently Amended)** The server computer system of claim 13, wherein [[a]] the first service is selected from the plurality of services using a first partitioning scheme, wherein the first partitioning scheme is a functional partitioning of the plurality of services.

17. **(Currently Amended)** The server computer system of claim 13, wherein [[a]] the first service is selected from the plurality of services using a first partitioning scheme, wherein the first partitioning scheme uses identification data associated with the client computer system to select the first service.

18. **(Currently Amended)** The server computer system of claim 13, wherein [[a]] the first service is selected from the plurality of services using a first partitioning scheme, wherein the first partitioning scheme is uses a resource connection to select the first service.

19. **(Currently Amended)** The server computer system of claim 13, wherein [[a]] the first service is selected from the plurality of services using a first partitioning scheme, wherein the first partitioning scheme uses equivalency to select the first service.

20. **(Currently Amended)** A method comprising:
in ~~response to a connection by the client process to the computer network,~~
a first server of a plurality of servers transferring a dynamic service point map to a
client in response to the client connecting to a computer network;
wherein the dynamic service point map comprises ~~a listing of a plurality of~~
~~services provided by the plurality of servers and corresponding location~~
~~information for each service of the plurality of services, wherein identities~~
~~of first and second services provided by a first server of the plurality of~~
~~servers, are listed in the service point map along with first and second~~
~~location information, respectively, wherein the first and second location~~
~~information are distinct from each other;~~
changing the second location information for the second service to a third location
information;
the first server transferring a new dynamic service point map to the client;
wherein the new dynamic service point map comprises identities of first and
second services along with first and third location information,
respectively, wherein the second and third location information are distinct
from each other.

21. **(Previously presented)** The method of claim 20 further comprising:
the first server receiving the second location information for inclusion in the
dynamic service point map.

22. **(Currently Amended)** The method of claim 20 further comprising
transferring ~~an updated dynamic~~ the new service point map to the client upon
failure of the client to connect to the second service listed in the dynamic service
point map.

23. (Currently Amended) A computer-readable medium comprising:
transferring instructions to transfer a dynamic service point map to a client
process running on a client from a first server of a plurality of servers in a
network in response to the client process connecting to the network,
wherein the dynamic service point map comprises ~~a listing of a plurality of
services provided by the plurality of servers and corresponding location
information for each service of the plurality of services, wherein the listing
comprises first and second services provided by a first server of the
plurality of servers and first and second location information
corresponding to the first and second services, respectively, wherein the
first location information is distinct from the second location information;~~
transferring instructions to transfer a new dynamic service point map to the client
process running on the client after the second location information for the
second service is changed to a third location information;
wherein the new dynamic service point map comprises identities of first and
second services along with first and third location information,
respectively, wherein the second and third location information are distinct
from each other.

24. (Previously Presented) The computer-readable medium of claim 23
further comprising:
generating instructions to generate the second location information, and
publishing instructions to publish the second location information for inclusion in
the dynamic service point map.

25. (Currently Amended) The computer-readable medium of claim 23
further comprising:
second transferring instructions to transfer ~~an~~ the new updated dynamic service
point map to the client process upon failure of the client process to
connect to second service listed in the dynamic service point map.